

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ELECTRODE STRUCTURE,

the specification of which is attached hereto unless the following box is checked:



was filed on June 8, 2001 as

United States Application Number or PCT International Application Number 09/857,759

and was amended on June 8, 2001 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Not Claimed

9826940.0

Great Britain

December 9, 1998

(Number)

(Country)

(Day/Month/Year Filed)



(Number)

(Country)

(Day/Month/Year Filed)



I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Number)

(Filing Date)

(Status - patented, pending, abandoned)

(Application Number)

(Filing Date)

(Status - patented, pending, abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Paul F. Prestia	Reg. No. 23,031	Lawrence E. Ashery	Reg. No. 34,515	Jack J. Jankovitz	Reg. No. 42,690
Allan Ratner	Reg. No. 19,717	Christopher R. Lewis	Reg. No. 36,201	Jonathan H. Spadt	Reg. No. 45,122
Andrew L. Ney	Reg. No. 20,300	Robert L. Andersen	Reg. No. 25,771	Christopher I. Halliday	Reg. No. 42,621
Kenneth N. Nigon	Reg. No. 31,549	Joshua L. Cohen	Reg. No. 38,040	Scott A. Mckeown	Reg. No. 42,866
Kevin R. Casey	Reg. No. 32,117	Daniel N. Calder	Reg. No. 27,424		
Benjamin E. Leace	Reg. No. 33,412	Louis W. Beardell, Jr.	Reg. No. 40,508		
James C. Simmons	Reg. No. 24,842	Jacques L. Etkowicz	Reg. No. 41,738		

Address all correspondence to: Christopher R. Lewis

Ratner & Prestia, Suite 301, One Westlakes, Berwyn, P.O. Box 980, Valley Forge, PA 19482-0980

Address all telephone calls to: Christopher R. Lewis at (610) 407-0700.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name) Susan Joy Cooper

Inventor's signature

Susan J Cooper

Date 20th August 2001

Residence Reading, United Kingdom

Citizenship British

Post Office Address 54 Donnington Gardens

Reading RG1 5LZ, United Kingdom

Full name of second joint inventor, if any (given name, family name) Gregor Hoogers

Second Inventor's signature

Gregor Hoogers

Date 8th August 2001

Residence Birkenfeld, Germany

Citizenship Dutch

Post Office Address Fachhochschule Trier, Umwelt-Campus Birkenfeld, P.O. Box 1380

D-55761 Birkenfeld, Germany



Additional inventors are being named on separately numbered sheets attached hereto.

U.S. DEPARTMENT OF COMMERCE
Patents and Trademark OfficeRECORDATION FORM COVER SHEET
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

- 1) Susan Joy Cooper
2) Gregor Hoogers

Additional name(s) of conveying party(ies) attached? ☐ YES ☒ NO

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Correction of Assignment Recordation
(previously recorded at Reel _____, Frame _____).
☐ Other

Execution Date: 1) August 16, 2001; 2) August 8, 2001

2. Name and address of receiving party(ies):

Name: Johnson Matthey Public Limited Company
Internal Address: _____
Street Address: 2-4 Cockspur Street, Trafalgar Square
City: London State: United Kingdom ZIP: SW1Y 5BQ

Additional name(s) & address(es) attached? ☐ YES ☒ NO

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application Number(s) 09/857,759

B. Patent Number(s) _____

Additional number(s) attached? ☐ YES ☒ NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Christopher R. Lewis
Internal Address: Ratner & Prestia
Street Address: Suite 301, One Westlakes, Berwyn,
P.O. Box 980
City: Valley Forge State: PA ZIP: 19482-0980

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 18-0350

(Attach duplicate copy of this page if paying by deposit account.)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Christopher R. Lewis
Name of Person Signing
36,201

Signature

September 10, 2001
Date

Registration. No.

Total number of pages including cover sheet, attachments, and document: 3

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

09/17/2001 UEDUWJE 00000031 09857759

02 FC:581

40.00 CP

ASSIGNMENT

WHEREAS, we, **Susan Joy Cooper** of 54 Donnington Gardens, Reading RG1 5LZ, United Kingdom; and **Gregor Hoogers** of Fachhochschule Trier, Umwelt-Campus Birkenfeld, P.O. Box 1380, D-55761 Birkenfeld, Germany (hereinafter referred to as "**ASSIGNOR**"), have made an invention entitled **ELECTRODE STRUCTURE**, for which an application for United States Letters Patent was filed on June 8, 2001, under Application No. 09/857,759;

WHEREAS, the **ASSIGNEE, Johnson Matthey Public Limited Company**, a corporation organized and existing under and by virtue of the laws of Great Britain, and having a place of business at 2-4 Cockspur Street, Trafalgar Square, London SW1Y 5BQ, United Kingdom, is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the **ASSIGNEE** the **ASSIGNOR'S** entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said patent application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that **ASSIGNOR** shall be legally bound, upon request and at the expense of the **ASSIGNEE** or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments and do such other acts as may be necessary and proper to patent the invention in the United States of America and foreign countries in the name of the **ASSIGNEE** and to execute all instruments proper to carry out the intent of this instrument.

Because **ASSIGNOR** includes more than one person, these obligations shall apply to those persons both individually and collectively.

ASSIGNOR hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

ASSIGNOR #1:

Susan Joy Cooper

Susan Joy Cooper

Signature

Date: 16th August, 2001

Witness as to **ASSIGNOR #1**: (Optional) _____

ASSIGNOR #2:

Gregor Hoogers

Gregor Hoogers

Signature

Date: 8th August 2001

Witness as to **ASSIGNOR #2**: (Optional) _____